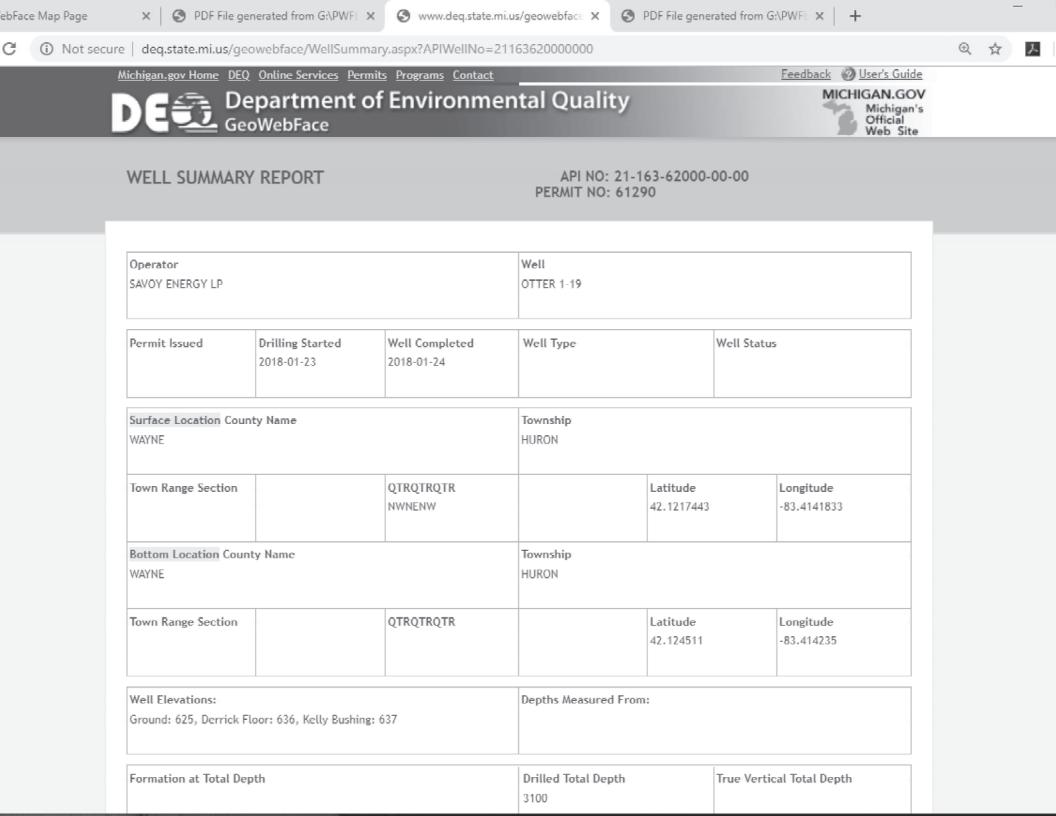
This so the gentration Popular to journ about last reight. I have filled in the the standard for the mane of of the standard location and everything is in order if the statement of signed agreement from the offset landaunce has satisfactory. Either Juck Vhl, thamp Williard on all representative will be in with the agreement and will want the permit;

Dol.





# MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY - OIL, GAS, AND MINERALS DIVISION RECORD OF WELL DRILLING OR DEEPENING

	authority of Par on-submission		visor of We	ells or Part 62		ls, of Act 45	1 PA 1994	4, as		Perm		er/Deepei	ning num	ber	
amenaca. 14	on submission	ana/or laisi	noution of t	ino imorriadio	in may result in	API numb		mont.		6129	90				
	(Submit with	in 60 days o	of drilling o	completion.)			32000-00 e and numb						-11-11-2-11-2-12		
	art 615 Oil/G		Part 6	25 Mineral	Well	Otter 1-1					21 - 31				
Savoy Ene	77 270					0.00 00000 000	4 of NE	1/4 of	N	IW 1/	4 Section	on 30	T4S	R9E	E
P.O. Box 1	STATES OF THE PARTY OF THE PART					Township					County		11 1000		
Traverse C	ity, MI 496	85				Huron					Wayn				
						Footages		rth/Sou		2.0			t/West		
	dress of drillin	局					from No					. from V			D.
STATE AND STREET STREET STREET, STREET	ed Drillina C	Company.	LLC			Yes [		спеск с	one)		Previou	is permit	lumbers		-
P.O. Box 1		0.5					e location (	(if direc	ctional	lv drille	ed)				
Traverse C	itv. MI 496	00				NW 1/4		1/4 of			/4 Sect	ion 19	T 4S	R 9	E
Date drilling b	egan		Date drilling	g completed	Water to be a second	Township					Coun				
1/11/18	NO.		1/23/18			Huron					Way	/ne			
Total depth of well Formation at total depth				Footages		rth/Sou				Eas	st/West				
Driller 3100 Log 3095 Black River					A CONTRACTOR OF THE PROPERTY O	from So	C+CONOW/COC	line a	STATE PROPERTY	CONTRACT PARTY	STORES OF STREET		e of sec	3.	
Elevations	005	0			2040 **	DE RECOVER TOWNSHIP	d - cable to			- 1		illed - rota	SOURCE STREET, SECURIOR	04001	
к.в. 636.8	ft. R.F. 635	.8 ft. R.I	. 635.8	ft. Grd C	24.9 ft	from	· t	to	-		from C		to	3100'	
Cools	ng, Casing Lir	acre and Co	monting (	Onerating Ct	vingo		Motor	EIII III	/E II	\ or L	not Circ	ulation /	CVVV		
Size	Where set		ment	T.O.C.	Ft. pulled		Formation			F.U.	L.C.	st Circulation (L L.C. Depth		Amount	
16"	40'	Driven		Surface					BU EIEUS)						
11 3/4"	246'	210 sx	CLA	Surface										A	
8 5/8"	1050'	150 sx	SERVING CASSASS	Surface											
		150 sx	CIAw/									12 12			
		3% CaC	CI2									104			
												-	C C	3	
Form		Pay Interva Oil or Gas	From	То		All O	ther Oil ar	nd Gas	Show	ws Ob		or Logge Vhere Ob		<b>(</b> )	
N/A	ation	On or odo	110111		Forma	tion	Oil or	De	pth	Sam			Mud	Gas	Fill
INIA						Gas		110-12/90	D9003.13	ples	Od	or Pits	Line	Log	Up
	D (1.0														
Dep	Depth Cor	rection Corre	ction	- F	Deviation at	on Survey	egrees	-	Yes	No		lugged B	ack Depth		
N/A		00110	Ollon		turi at		regrees		103	130	+		Берит		
IVA											_				
													E 199		
			_(							1					
														31	
				Geophysic	cal / Mechanic	cal Logs (lis	st each type	e run)					,		
Dalam Llum	Brand	-	0	7 Danaila	Log types	O F	\	2 200			Logge	ed interval	S	i.	
Baker Hug	nes		Comp	Z-Densiid	g/Neutron/	Jamma F	kay (	0-309	5						
						19									
												11			
Notice: Repor	rt complete sai	mple and fo	rmation rec	ord, coring re	cord, and drill	stem test in	formation of	on reve	erse si	ide.					
CERTIFICAT accurate and	ION "I state the complete to the	nat I am autl ne best of m	norized by s y knowledg	aid owner. Te."	his report was	prepared u	ınder my sı	upervis	ion ar	nd dire	ction. T	he facts s	tated he	rein are	true,
Date	N	ame and titl	e (print)				Si	ignatur	е	1 ^	1	- 20	_		
4/10/18	J	ack Roko	s, Operat	ions Mana	ger			/	Jac	RP	@ POI	2, BAL			
Mail original	within 60 days	after drilling	g completio	n to: Oil, Gas	, and Minerals	Division, N	lichigan De	partm	ent of	Enviro	nmenta	I Quality,			

P.O. Box 30256, Lansing, MI 48909-7756
Or submit via email to deq-geologicalrecords@michigan.gov

	FORMATION RECORD Attach additional sheets if necessary	API number	Permit num 61290	mit number/Deepening number 290		
Elevation used	Geologist name	Tops taken from				
636.8 KB	Matthew Stachnik	Driller's log	Sample log			
	-					

		Famalia		710 11 11 11 11 11 11 11 11 11 11 11 11 1	
From	То	Formation (type, color, hardness)	From	То	Formation (type color bardness)
			FIOIII	10	(type, color, hardness)
Note: if well of where approp	riate	ed, add true vertical depth formation tops			
78 MD	78 TVD	Sylvania			
794 MD	779 TVD	G Unit			
952 MD	925 TVD	E Unit			
1067 MD	1031 TVD	C Shale			-
1175 MD	1131 TVD	B Unit			
1198 MD	1152 TVD	B Salt			
1280 MD	1228 TVD	A2 Carbonate			
1409 MD	1346 TVD	Niagaran			
1891 MD	1787 TVD	Clinton			
2029 MD	1915 TVD	Cincinattion			
2299 MD	2164 TVD	Utica			
		SH: DK GRY-GRY-BLKISH GRY,			
		FRM-SFT, MOD-P COMP, SL	If well was	cored, attach core de	escription
		CALC, N FISS, NFSOC.		RILL STEM TEST DAT	
2666 MD	2504 TVD	TRENTON			<u>E</u> 1
		DOL: TAN TRANS BUFF -OPQ			
		WHT-LT TAN, MIC-SCAT CRPTO			
		XLN, HD, NON SUC, NO VIS			
		CARB STN, NFSOC			
		~			,
3057 MD	2861 TVD	Black River			
		DOL: LT BRN-TAN-BUFF TAN-			
		BRN-OPQ WHT- TRANS TAN,			
		TRANS TAN, MIC-VF XLN,			
		CORSE SPL GOOD XLN FACES			
		SELNITE, NFSOC, NO ODOR			
		NO STN			
			L	IST ATTACHMENTS	
			Directional Survey	man agency or no con-	The second secon
			Compensate S-Dens	silog Neutron Log Gar	mma Ray Log
					9
	,		OIL, GAS, AND	MINERALS DIVISIO	N USE ONLY
			Reviewed by		
			Date of review		

# MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY - OIL, GAS, AND MINERALS DIVISION

		RECOR	D OF W		MPLETIO				
By auth	ority of Part 615 or P	art 625 of Act 451 PA 1	004		umber/deepeni	ng permit no.	API numbe	r	
as ame	nded. Non-submission	on and/or falsification of	f this	61290			21-163-6	2000-00-0	0
inforn	nation may result in fi	nes and/or imprisonme	nt.		vell (after comp	letion)	***************************************		
2	6.3	9 9 1		Dry Ho	le				
⊠ n <sub>o</sub>	Submit within 60 days	s of well completion.)  Part 625 Mineral V		3	ne & number				
		Part 625 Mineral V	Vell	Otter 1	-19				
Name and addre Savoy Energy P.O. Box 1560 Traverse City,	', L.P 0								
Directionally drille		Dravious marvit		1=					
Yes No		Previous permit number	ers	M.D. 310	oth of well 00	T.V.	D. 2900		
Surface location				Subsurfa	ce location (if d	irectionally dr	illed)		
IW % of NE	1/4 of NW 1/4 Sect	tion 30 T4S	R 9E	NW 1		fSW 14 Se	Parameter Parameter St.	T4S	R 9E
ownship		County		Township			County	1 40	N OL
luron		Wayne		Huron			Wayne		
	North/South	East/West		Footages	. North/S	outh	1	East/West	
22 Ft. from	North line and 199	1 Ft. from West II	ine of Sec.	787	Ft. from Sout			om West 1	
	Part 615 - oi				nom oodt			om vvest. I	ne of Sec
Date well complet			ormation(s)	Date of fi	rst injection	Part 625 - m Disposal for	metion/e)	Solution fo	ronali/ 1
N/A	N/A	N/A			A second		medon(s)	Solution fo	ппаноп(s)
		COL	MPLETION	JINTEDV	ALC(C)	<u> </u>	***************************************		
			WI LL HOP	A HAT ELV	AL3(3)			Or	en
Date Number holes Perfor			ration or ope	en hole interval		ŀ	Yes	No	
/A			***************************************					103	INO
			****						
***************************************			**************************************			· · · · · · · · · · · · · · · · · · ·		***************************************	
			***************************************					www.	
		<del></del>							
		STIMULAT	TION BY A	CID OR F	RACTURIN	G			W
Date		Interval treated		<u> </u>		Materials and	amount used		
I/A			······································			natorialo una	amount usec		
			····						
	-			-					
				-					
				-					
			····						
		···		<u> </u>					
								New York Charles and the Control of	
		gq	ODUCTIO	N TEST I	ገለፒለ				
Oil	Gravity	Condensate		as	Water		H <sub>2</sub> S	Tous	1.1
Bbls/day	°API	Bbls/day	E	F/day	Bbls/day	Gr	H <sub>2</sub> S ains/100 ft <sup>3</sup> .	B.H.P.	and depth
/A	N/A	N/A	N/A		N/A	N/A		ATZA	
		1.33.1			14/17	IWA		N/A	
ERTIFICATION	I "I state that I am	authorized by said o	wner. This	report was	prepared un	der my supe	rvision and	direction	The fact
ated Helelii ale	riue, accurate and	complete to the bes	st of my kno	wledge."				JOHOTT,	THE TALK
me and title (pri		Signature	e / /	an 1	~ <i>I</i>		Date		
ack Rokos, O	perations Manage	er	mell !	Kologo	Blw		4/10	/18	

Mail original to the Oil, Gas, and Minerals Division, Michigan Department of Environmental Quality, P.O. Box 30256, Lansing, MI 48909-7756. Or submit via email to deq-geologicalrecords@michigan.gov.

DEO

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY - OIL, GAS, AND MIN

### RECORD OF WELL PLUGGING OR CHANGE OF WELL STATUS

Required by authority of Part 615 Supervisor of Wells or Part 625 Mineral Wells of Act 451 PA 1994, as amended Non-submission and/or falsification of this information may result in fines and/or imprisonment.

COALITI - OIL, GA	5, AND MINERALS DIVISION	
Permit number	Well name and number	
61290	Otter 1-19	
API number		-
21-163-62000-0	00-00	
Name and address	of permittee	
Savoy Energy,	L.P.	
P.O. Box 1560	orne a	
T		

<ul><li>☑ Part 615 Oil/Gas Well</li><li>☑ Part 625 Mineral Well</li><li>☑ Change of Well Status</li></ul>	Traverse City, MI 49685-1560							
Name and address of contractor/service company	Type of well	Field name						
Consolidated Drilling Company	Dry Hole							
P.O. Box 1076	Surface location							
Traverse City, MI 49685	NW 1/4 NE 1/4 NW1 /4	Sec 30 T 4S R 9E						
	Township	County						
	Huron	Wavne						
	Date plugging/change started	Date plugging/change completed						
DEC	1/23/18	1/24/18						
DEQ employee issuing plugging permit or approving Change of Well Status		Date issued						
Jack Lanigan		1/24/18						

Any change of well status which results in a change of production or a change in injectivity must include production or injection test records. All records must include a narrative or daily chronology and signed certification noted on reverse. Any change of well status in which high volume hydraulic fracturing was utilized must include HVHF Operations Water Withdrawal and Usage Report (EQP 7200-25)

### WELL PLUGGING (Hole conditions after plugging) CASING Casing size Where set Amount casing pulled Depth casing cut/perfed; or windows milled 16" 40' 11 3/4" 246' 8 5/8" 1050 **PLUGS** Make and type Cement plugs: type, Additives,type Volume and types Tagged Depth of plug of bridge or plug amount of cement & and percent of spacers/flushes Wait time Top? Bottom Top mix water Y/N 60' Plug #5 Surface 20 sx Class "A" N 400' 150' Plug #4 80 sx Class "A" 1 N 1150 920' Plug #3 100 sx Class "A" 3% CaCl2 4 Y 1530 1330 Plug #2 60 sx Class "A" 1 N 2970' 2570 Plug #1 120 sx Class "A" N Check if NORM or other materials were left or reinserted into wellbore. If so, describe materials fully in the Daily Chronology section on reverse.

Mail completed original within 60 days after completion of plugging/change of a Part 615 oil/gas well or within 30 days of a Part 625 mineral well to:

Oil, Gas, and Minerals Division, Michigan Department of Environmental Quality, PO Box 30256, Lansing, MI 48909-7756 Or submit via email to: deq-geologicalrecords@michigan.gov

Check if cores were taken and attach core descriptions

API num 21-163-	nber 62000-00-	00			***************************************	Permit nui 61290						
Change w	ras to:	Convert currer Productio Disposal Secondar Storage Other		☐Remed☐Pe	CHANGE OF WELL ST.  Remediate well:  Perf and test existing zone Repair casing/cement Other			Plugback (recomplete as)  New production zone Disposal Secondary recovery Storage Other  Redrill: Horizontal drain hole Collapsed casing Underream open hole				
Cs	asing	T Co	ment	Well ca	asing record	- BEFORE o	change					
Size	Depth	Sacks	Туре	From	Perfora To	If plugged	I, HOW?	Acid	d or fracture treatme	ent record		
Ca	ising	Well casing	record - AF	TER change	(Indicate ad Perfora	ditions and	changes o	nly, complet	e test record)			
Size				From	To	If plugged	, HOW?	Acid	or fracture treatme	ent record		
						-		***************************************				
***************************************												
		<u> </u>										
			E CHANGE	1				AFTER	CHANGE			
Total depth	Col	mpleted Fm	Well comp	leted for		Total depth	Comp	oleted Fm	Well completed for	or		
BOPD	МС	FGPD	Inj Rate	Pres	ssure	BOPD	MCF	GPD	Inj Rate	Pressure		
	DAI	LY PRODUCT	ION TEST R	ECORD		DAILY INJE	CTION TES	ST RECORD	Injection well	│ ☐ Brine disposal		
Date	Oil (bbls)	Water (bbls)	Gas (Mcf)	Pres Tubing	ssure Casing	Date	Bbls wat		Pressure	Specific gravity		
				Taanig	Casing	Date	or Mcf g	as Begin	ning Ending	of water		
			L.			<u> </u>						
Describe in o	detail the daily	/ chronology of on. Include date	change/pluggi	ng, include day	AILY CHRO	Jescrihe evcor	otions to issue	ed plugging ins	structions. Describe	tools, tubing, etc.		
Date	Narrative				eto. Ooo addii	onai pages as	neeueu.					
1/23/18	Circula LD drill	te hole clear pipe to 115	n and RU o	cement truc	ks. Set plu	g #1 at 297	'0', LD dri	Il pipe to 15	30. Set Plug #	2 @ 1530.		
1/24/18	LD arm	pipe to 400	, set Plug 7	#4 (a) 400°,	LD drill pipe	e to 60' and	set Plua	#5 @ 60'	and tag cement ND BOPs, cut o Cleaned pits an	off wall band		
DERTIFICA	TION "I state		norized by sai	id owner. This					nas continuing liabilition. The facts star			
Name and ti	tle (printed o	r typed) ion Manage			Author	ized signature	,			Date		
				completed, co	ellar, rat and	ack Kol	and pits filler	d site leveled	and algorithm 1	4/10/18		

	MICHIGA	N DEPARTMEN	IT OF ENVIRONMENTA	L QUALITY - OIL	, GAS, AND MINERALS	DIVISION				
DE	APPLICA	ATION TO:		Permit number		Type of well				
	☐ CHANGE WE	LL STATUS	OR	61290		Dry hole				
	□ PLUG AND A	BANDON WI	ELL	API number						
	by authority of Part 615 S			21-163-62000-0	00-00					
	s, of Act 451 PA 1994, as tion of this information ma			Name and add	ress of permittee LLC					
⊠ Pa	rt 615 Oil or Gas Well	☐ Pa	art 625 Mineral Well	920 Hastings S	Street Suite A					
Change of	well status requested to:	☐ Temporarily	abandoned	Traverse City, I	Michigan 48685					
Plug ba		Hydraulically		Well name and	number					
	ol		gas, give liquid phase vol.)	Otter 1-19						
	No Is High Volume Hy									
	completion of this well? (F Pre-Disclosure & HVHF EI									
	t to									
*******										
Last produ	ction/injection rate and typ	e of fluid	Well location							
NA .				NW 1/4 of NI	E 1/4 of NW 1/4	Section 30	T4S	R9E		
Brief description of project Plug and abandon				Township		County				
riug and a	Danicon			Huron		Wayne				
				Date drilling co	mpieted	Date last prod	uceu/uu	izeu		
				Work to be don	oo hy	Starting date				
				Consolidated	ic by	1/24/18				
		**	CASING AND CE		2D					
Hole dia	Casing dia & wt/ft	Depths set		nt quantity, type, a		Cement to	p F	Perforations		
	16	40	Driven							
14 3/4	11 3/4" 42#	246	210 sxs Class A			Surface				
10 5/8	8 5/8" 24#	1050	150 sxs lite w/ 3% Ca	Cl2; 160 Class A	w/ 3% CaCl2	Surface				
7 7/8		3100	Open hole							
Formation	record (formation and dep	oth of top, oil, gas	s and water shows, etc.)	:	-					
formation	n depth					KB Elev		636.8		
				Grd Elev				· 624.9		
BOD	90					TD		3100		
	*					TVD		2920		
Trenton	2671									
Detail pron	osed procedures:	<del></del>			, , , , , , , , , , , , , , , , , , , ,					
' '	hole clean and static									
	imp 120 sxs Class A ceme	ent at 2970 feet.	This 400-foot plug shall	extend at least 1	00 feet into Utica Shale					
	1530 feet, mix and pump 6									
	1150 feet, mix and pump 6									
	urs and tag. Top cement			add cement.						
	100 feet, mix and pump 75 60 feet and cement to with			cement.						
	casings at least 4 feet belo				ermit number. Restore le	ocation.				
			·							
Name/sign	ature (authorized represer	ntative):				Dat	e:			
LBEA ::	5		OIL, GAS, AND MINER	ALS DIVISION US	SE ONLY					
!	ional requirements:									
Notify Are	a Geologist, Jack Lanigan	, at 248-763-591	7 at least 48 hours befo	re moving in equip	omen to plug well.					
	No. Matanabashi	lo Broduction t	agte to commons within	a 10 days of some	Notion and to be filed					
	No		ests to commence within	1 TO Gays OF COMP	MELION AND TO DE MEU					
Approved		y records are to	Office:		Approval date:	Ten	mination	Date:		
ripprovous	"W.C.C.		SE Michigan		1/24/18		31/18			

Mail original to District Office for department approval
Note: A Record of Well Plugging or Change of Well status (EQP 7200-8) and any requested service company records are to be filed within 60 days of completion in Lansing at: Oil, Gas, and Minerals Division, Michigan Dept of Environmental Quality, PO Box 30256, Lansing, MI 48909-7756
Or submit via email to: deq-geologicalrecords@michigan.gov
EQP 7200-6 (rev. 2/2017) side 1

Well Records, Water Wells within Area of Review

JUL 2 4 1975

# WATER WELL RECORD ACT 294 PA 1965

MICHIGAN DEPARTMENT

1 LOCATION OF WELL			PUBLIC HEALTH						
County Township Name		Fraction	Section Number   Town Number   Range Number						
Wayne Sumpter		Why a	any NEy 36 4 mrs. O ELM.						
Distance And Direction from Road Intersections			3 OWNER OF WELL:						
27910 Carleton-West Rd.			John Stepzinski AZZU4 Drewel						
Street address & City of Well Location			Dearborn, Michigan 48128						
Locate with "X" in section below Sketc	h Map;		4 WELL DEPTH: (completed) Date of Completion						
			67 ft. 7-21-75						
			Cable tool Rotary Driven Dug						
w									
			6 USE: Domestic Public Supply Industry						
			☐ Irrigation ☐ Air Conditioning ☐ Commercial  Test Well ☐						
apa garage plants and a			7 CASING: Threaded Welded Height: Above 4 3 5						
1 MILE	2 22 222		Surfaceft.						
CONATION	THICKNESS OF	DEPTH TO BOTTOM OF	Tr. In. to						
2 FORMATION	STRATUM	STRATUM	in, toft, Dopth   Drive Shoe? Yes   No 🕱						
CONSIDER OF APPENDING NO. 100			8 SCREEN:						
Mixed fill dirt	3	3_	Type: NONE Dia.;						
WP - 7 7	_	2	Slot/GauzeLength						
Yellow Clay - Hard		6							
Plus Clay - Staney	45	(51	Fittings:						
Blue Clay - Stoney	77	A. H. C. S.	9 STATIC WATER LEVEL						
Broken Lime - Hard	3	54	ft. below land surface						
DI OROII DIMO - MOI C			10 PUMPING LEVEL below land surface						
Lime Stone - Med.Hard	13	67	40 ft. after 2 hrs. pumping 15 g.p.m.						
			7						
			ft. after hrs. pumping g.p.m.						
			11 WATER QUALITY in Parts Per Million:						
			Iron (Fe) Chlorides (CI)						
			HardnessOther						
		3 12	12 WELL HEAD COMPLETION:   In Approved Pit						
			Pitless Adapter 2' Above Grade						
			13 Well Grouted? Yes No						
			Neat Coment Bentonite						
			Depth: From 0ft. to 57_ft.						
			14 Nearest Source of possible contamination						
		-	Well disinfected upon completion Yes No						
			[_] Not installed						
appropriate and the second sec			Manufacturer's Name						
ADDED INTO BY DRILLER, ITEM NO.			Length of Drop Pipe 55 ft. capacity 10 G.P.M.						
* CURRECTED BY  * ADDITION BY			Type: Submersible						
ELEVATION BY			Jet Reciprocating						
DEPTH TO ROCK 19500	150 150 CA . R 150 AND	10. 10. 10. 10. 10. 10. 10. 10. 10. 10.	The second of th						
USE A 2ND SHEET IF NEEDED AND FREE		17.114	D. WELL CONTRACTORIS CERTIFICATION.						
16 Remarks, elevation, source of data, etc.			R WELL CONTRACTOR'S CERTIFICATION:  vel  was drilled under my jurisdiction and this report is true						
er en	,	to the t	best of my knowledge and belief.						
"\	1/	CNES.	Ochring Drilling 0003 GISTERED BUSINESS NAME REGISTRATION NO.						
Permit # 4438	7 1		ss P.O.Box 242 Flat Rock, Mi						
a st		Aggres	" LOUND BYC FIAD HOUR, FIL						
5 5 W		Signed	Charles College Date 7-21-75						
D67d 100M (Rev. 12-68)		13113G	AUTHORIZED REPRESENTATIVE						



# **Water Well And Pump Record**



Completion is required under authority of Part 127 Act 368 PA 1978. Failure to comply is a misdemeanor.

Tax No: 81142990002000	Permit No:	County: Wayn				ownship: Sumpter		
		Town/Range:		Well Status:	WSSN:	Source	D/Well No:	
Well ID: 82000	001576	04S 08E  Distance and D	36	n Dand Inton				
VVCII 1D. 02000	001070	580' S OF ARK				т		
Elevation: 626 ft.		300 3 OF ARRE	ONA WEST	DIDL OF CAN	LL I ON WLO	1		
Latitude: 42.1003711219		Well Owner:	JOHN STEPZ	ZINSKI				
Longitude: -83.4309755071		Well Address:			Owner Addre	ess:		
Method of Collection: Interpola	tion-Man	27910 CARLE			2204 DREX			
Method of Conection.	uon-iviap	SUMPTER TV	VP., IVII		DEARBORN	N, IVII 48128		
Drilling Method: Rotary		Pump Inst	alled: Yes	3	Pump Inst	tallation Onl	y: No	
	ell Use: Household	Pump Inst	allation Date	e:	HP:			
	ate Completed: 7/21/1975		ırer: Gould	ds		e: Submer		
Casing Type: Unknown	Height:	Model Nur		- 00 f		pacity: 0 Gl	PM	
Casing Joint: Welded			Length: 5	5.00 ft.	Pump Vol	-		
Casing Fitting: None			Diameter: n Seal Used	: No	Drilling Ro	ecora ib:		
Diameter: 4.00 in. to 57.00 ft. depth			Tank Installe					
	Pressure I	Relief Valve	Installed:	No				
Borehole: 0.00 in. to 57.00 ft. depth								
Static Water Level: 8.00 ft. Below G	rade						Depth to	
Well Yield Test:	Yield Test Method: Unknown		Formation	Description		Thickness	Bottom	
Pumping level 40.00 ft. after 2.00 hrs.	Topsoil Fill			;	3.00	3.00		
		Yellow Cla	y Hard			3.00	6.00	
		Blue Clay S				45.00	51.00	
Screen Installed: No	Intake: Unknown	Limestone				3.00	54.00	
		Limestone	Hard			13.00	67.00	
					-			
_	Method: Unknown							
Grouting Material Bags Addit Bentonite slurry 0.00 None	0.00% / == 00.%	Geology R	Pomarke:					
Define daily 0.00 None	0.00 10. 10 07.00 10	. Geology is	Keillaiks.					
Wellhead Completion: Pitless adap	ter							
Name of Oracin (D. 111)		B 100 55		-4 P!				
Nearest Source of Possible Contami	nation: Distance Direction		achine Opera ent: Unknov					
Type Septic tank	0 ft. East	Employme	ziit. UlikiiOV	VII				
Copile talik	v n. Lasi	Contracto	r Type: Unk	nown		Reg No:	58-0003	
		Business				rtog rtor		
		Business	Address:					
			Water \	Well Contr	actor's Ce	rtification		
					vision and this	report is true	to the best of	
		my knowle	dge and belie	et.				
		Signature	of Registere	d Contractor	<u>r                                      </u>	Date		
General Remarks: WELL HEAD ALS	O 12" ABOVE GRADE							
Other Remarks:								

EQP-2017 (4/2010) Page 1 of 1 LHD 2/18/2000 11:18 PM

SEP 1 5 1976					
1 LOCATION OF WELL	WATER V				MICHIGAN DEPARTMENT OF PUBLIC HEALTH
County Township	Name	Fraction		Section Number	Town Number Range Number
	eter	OR- 14 /12	2 14NTO 14	/	NS (E) W.
14455 Exiter Rd. Street address & City of Woll Location	ons		Address 1	Rireur 4455 Exe	ter ichigan 48117
Locale with "X" in section below	Skotch Map;	7	4 WELL DEPTH		Date of Completion
		7	39	360	8-39-78
		ľ	5 Cable to Hollow r		
W E		6	S USE: Don		Fic Supply Industry
A A A A A A A A A A A A A A A A A A A			Irrig	ation 🔲 Air	Conditioning Commercial
		1	Test		
5 5 1 MILE			Diam.	raaded Welde	d Height: Above/1001
2 FORMATION	THICKNESS OF	DEPTH TO	<b>5</b> in. to	30 ft. Dept	Surface 1 ft.  PVC (bs./ft.
2 FORWATION	STRATUM	STRATUM	in. to	ft. Dop	
Yellow Clay	10	10	SCREEN:		NONE Dia.:
Blue Clay Hard	20	30			_ Length
Lime Stone Har	d 9	39	Fittings:	ft, and _	π.,
		9	STATIC WATE	ER LEVEL	THE BANK
				ft, bolow land su	
		l,		EVEL below land	pumping 10 g.p.m,
				71, arter	pumping g.p.m,
				ft. afterhrs.	pumpingg.p.m.
		1	1 WATER QUA	LITY in Parts Per	Million:
			Iron (Fe)	Chlo	rides (CI)
			Hardness	Otho	<b>r</b> os
		1	2 WELL HEAD	COMPLETION:	In Approved Pit
			🗶 Pit	less Adapter 📑	12" Above Grade
		1	Well Groute	d? 🛣 Yes 🔲 No ement 🔲 Bentor	
			Depth: From		-1
		1	4 Nearest Sou	rce of possible c	ontamination
200 200 200	* ************************************		_ <u>57_</u> feet	W Direct	on Sept Type
ADDED HAVE ON THE		1	Well disinfe 5 P⊔MP;	cted upon comple	
ADDED INFO BY DRILLER, ITEM NO. *CORRECTED BY			Manufacture	L A	dot installed tob
**ADDITION BY				er <u>8D 8-5</u> (	
ELEVATION		70-1			, capacity 10 G.P.M.
DEPTH TO RUCK			Type: 😿 S	ubmersible	
AN			J	et [	Reciprocating
USE A 2ND SHEET IF NEEDED					
16 Remarks, elevation, source of data, e	etc.			CTOR'S CERTIFI	
RECE	IVED	to the best	of my knowle	der my jurisdiction dge and belief.  Drilling NAME	n and this report is true
#1107 SEP 11	1978	Address			chigan 48134
MONROE		Signed	dulis UTHORIZED REP	alui)	Dato 8-31-78

GEOLOGICAL SURVEY SAMPLE No.



# Water Well And Pump Record



Completion is required under authority of Part 127 Act 368 PA 1978. Failure to comply is a misdemeanor.

Tax No: 580600100330	Permit No:		County: Monro	ре		Township: Exeter		
	-			Section:	Well Status:	WSSN	l: Source	D/Well No:
Well ID: 580	0000080	4	05S 08E  Distance and D		l n Road Inters	section:		
Elevation, 602 ft								
Elevation: 623 ft.			W-11 O					
Latitude: 42.0837308371			Well Owner: Well Address:			Owner Ado	lross.	
Longitude: -83.421221297	78		14455 EXETE	R		14455 EX		
Method of Collection: Inte	erpolation-Map		CARLETON, M	/II 48117		CARLETO	ON, MI 48117	
Drilling Method: Rotary			Pump Inst			-	stallation Onl	y: No
Well Depth: 39.00 ft.	Well Use: House			allation Date		HP:		-: - -
Well Type: New Casing Type: PVC plastic	Date Completed: Height:	8/30/1978	Model Nur	rer: Aerm	otor	-	ype: Submer apacity: 0 Gl	
Casing Joint: Unknown				Length: 3	6.00 ft.	Pump V		
Casing Fitting: None			Drop Pipe	Diameter:		-	Record ID:	
				n Seal Used				
<b>Diameter:</b> 5.00 in. to 30.00 ft. d	Diameter: 5.00 in. to 30.00 ft. depth			Γank Installe Relief Valve	•••	No		
			Fressule	Nellel Valve	ilistalieu.	NO		
Borehole:								
Static Water Level: 8.00 ft. Be	low Grade						Т	Donath 4a
Well Yield Test:		thod: Unknown		Formation	Description		Thickness	Depth to Bottom
Pumping level 26.00 ft. after 2.00	hrs. at 10 GPM		Yellow Clay	У			10.00	10.00
			Blue Clay I				20.00	30.00
			Limestone	Hard			9.00	39.00
Screen Installed: No	Intake: Un	known					1	
							+	
							†	1
							1	
							+	1
Well Grouted: Yes Grou	ıting Method: Unkn	own					1	
Grouting Material Bags	Additives	Depth						
Other 0.00	None	0.00 ft. to 26.00 ft.	Geology R	emarks:				
Wellhead Completion: Pitless	adapter							
	<b>-</b>							
Nearest Source of Possible Co Type	ntamination: Distance	Direction	_	achine Opera ent: Unknov	ator Name:	CHARLES	OEHRING	
Septic tank	57 ft.	West	Linployine	iii. Olikilov	VII			
'			Contractor	r Type: Unk	nown		Reg No:	58-0003
			Business I					
			Business		Mall Oant	11- 0	4161 41	
					der my superv		ertification is report is true	
			Signature	of Registere	ed Contractor	•	Date	
General Remarks:								
Other Remarks: Grouting Mater	rial 1:Listed as other in	n Wellkev						

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# **Water Well And Pump Record**



Completion is required under authority of Part 127 Act 368 PA 1978. Failure to comply is a misdemeanor.

iax No: 580600101000 Permit No:	County: Monroe Township	
W. II ID	Town/Range: Section: Well Status: WSSI	N: Source ID/Well No:
Well ID: 58000000807	Distance and Direction from Road Intersection:	•
Elevation: 626 ft.		
Latitude: 42.0819140232	Well Owner:	
Longitude: -83.4322220687	Well Address: Owner Ad	dress:
Method of Collection: Interpolation-Map		ARLETON WEST
metriou di donection. Interpolation-wap	CARLETON, MI 48117 CARLETO	ON, MI 48117
Drilling Method: Rotary		nstallation Only: No
Well Use: Household	Pump Installation Date: HP:	Same and October 211
Well Type: New Date Completed: 12/16/1986 Casing Type: Steel - black Height:	-	ype: Submersible Capacity: 0 GPM
Casing Type: Steel-Black Height.	The state of the s	/oltage:
Casing Fitting: Drive shoe		Record ID:
	Draw Down Seal Used: No	
Diameter: 5.00 in. to 35.00 ft. depth	Pressure Tank Installed: No	
	Pressure Relief Valve Installed: No	
Borehole: 7.38 in. to 31.00 ft. depth		
·		
Static Water Level: 8.00 ft. Below Grade		
Well Yield Test: Yield Test Method: Unknown	Formation Description	Thickness Depth to Bottom
Pumping level 35.00 ft. after 2.00 hrs. at 20 GPM	Sand	2.00 2.00
	Yellow Clay	7.00 9.00
	Blue Clay	22.00 31.00
Screen Installed: No Intake: Unknown	Limestone	36.00 67.00
		+ + -
		+ + +
		+ + +
Well Grouted: Yes Grouting Method: Unknown		+ + +
Grouting Material Bags Additives Depth		
Other 0.00 None 4.00 ft. to 35.00 ft	Geology Remarks:	
Wellhead Completion: Pitless adapter	<del> </del>	
Tuess adapter		
Nearest Source of Possible Contamination:	<b>5</b>	SOEHRING
TypeDistanceDirectionSeptic tank120 ft.Southeast	Employment: Unknown	
Deput tank 120 ft. Outheast	Contractor Type: Unknown	Reg No: 58-0003
	Business Name:	
	Business Address:	
	Water Well Contractor's C	
	This well was drilled under my supervision and the my knowledge and belief.	is report is true to the best of
	,	
	Signature of Registered Contractor	Date
General Remarks:		
Other Remarks: Grouting Material 1:Listed as other in Wellkey		

EQP-2017 (4/2010) Page 1 of 1 LHD 2/18/2000 5:03 AM



Tax No: 580100600700

# **Water Well And Pump Record**

County: Monroe



Township: Ash

Completion is required under authority of Part 127 Act 368 PA 1978. Failure to comply is a misdemeanor.

Permit No:

	Town/Range:	Section:	Well Status:	WSSN:	Course	ID/Well No:
W. II ID	05S 09E	6	Well Status.	WOON.	Source	: ID/Well NO.
Well ID: 58000001232	Distance and Direction from Road Intersection:					
Elevation: 619 ft.						
Latitude: 42.0931498011	Well Owner:					
	Well Address:		Ĭ	Owner Addre	ss:	
<b>Longitude:</b> -83.4166410795	2315 OAKVILL	_E WALTZ		2315 OAKVI		
Method of Collection: Interpolation-Map	NEW BOSTON	N, MI		NEW BOST	ON,	
Drilling Method: Auger/Bored	Pump Inst	alled: No				
Well Depth: 20.00 ft. Well Use: Unknown		Tank Installe				
Well Type: New Date Completed: 11/1/1966	Pressure I	Relief Valve	Installed:	No		
Casing Type: Unknown Height: 0.00 ft. below grade						
Casing Joint: Unknown Casing Fitting: Drive shoe						
casing ritting. Drive slice						
Diameter:						
Borehole:						
Static Water Level: 999.99 ft. Below Grade		Formation	- Description		Thiskness	Depth to
Well Yield Test: Yield Test Method: Unknown		Formatio	n Description		Thickness	Bottom
	Sand				3.00	8.00
	Clay				2.00	20.00
Screen Installed: No Intake: Unknown						
Well Grouted: Yes Grouting Method: Unknown Grouting Material Bags Additives Depth						
Unknown 0.00 None 0.00 ft. to 0.00 ft.	Geology R	Remarks:				
Wellhead Completion: Unknown						
Nearest Source of Possible Contamination:	Drilling Ma	achine Oper	ator Name:			
Type Distance Direction	_	ent: Unkno				
Unknown 0 ft.						
	Contracto	r Type: Unl	known		Reg No:	
	Business					
	Business		Well Contr	actor's Cer	tification	
		as drilled un	der my superv	ision and this r		to the best of
	my knowle	dge and beli	ef.			
	Signature	of Register	ed Contractor	•	Date	
General Remarks:						

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JUL 17 1973			
√	WATER	WELL RE	CORD MICHIGAN DEPARTMENT
1 LOCATION OF WELL	ACT 29	94 PA 19	
County Township Name Monroe Exeter		Fraction	Saction Alumbus ITsland II
Monroe Exeter Distance And Direction from Road Intersections	¥ 9	NEI	
3935 Oakville Waltz Rd.		/	3 Fred Brown
Carleton, Michigan Street address & City of Well Location			Address 3935 Oakville Waltz Rd. Carleton Michigan 48117.
	etch Map:		
	erch Mab:		4 WELL DEPTH: (completed) Date of Completion  50 ft. 5-8-73
<b> </b>			5 D Callette 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
W			☐ Hollow rod ☐ Jetted ☐ Borgd ☐
			6 USE: X Domestic Public Supply Industry
			☐ Irrigation ☐ Air Conditioning ☐ Commercial ☐ Test Well ■ Live Stock
5			7 CASING: Threaded Welded K Height About XXX
H I MILE	THICKNESS	050411.46	Surface 1
2 FORMATION	OF STRATUM	BOTTOM OF STRATUM	5 in. to 30.6, Depth Weight 4.62 lbs./ft.
		3 TRATOM	8 SCREEN:
Yellow Clay - Soft	6	6	NONE Type:Dia.:
Blue Clay - Stoney	24	60)	Slot/GauzeLength
	2.1	رون	Set betweenft. andft.
Lime Stone - M. Hard	20	50	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
			9 STATIC WATER LEVEL
		<u> </u>	6 ft, below land surface 10 PUMPING LEVEL below land surface
			30 ft. after 2 hrs. pumping 55 g.p.m.
			2012 30/M/2010 37 (57 000) 0/9 A (687)
	·	<del></del>	ft. ufter hrs. pumping g.p.m.  11 WATER QUALITY in Parts Per Million:
			tron (Fe) Chlorides (Ct)
70.000 19.00 N		3.80	
<u> </u>		0.002	Hardness Other  12 WELL HEAD COMPLETION: The Approved Bit
			Pitless Adapter 12' Above Grade
		688	13 Well Grouted? X Yes No
			Neat Compat
			Dopth: From 0 ft. to 30.6 ft.  14 Nearest Source of possible contamination
			100 foot E Direction Barn Yard Type
			Well disinfected upon completion Y Yes No.
			Manufacturer's Name
ADDED SHOW BY FARLES HAND THE			Model Number HP Volts
The same of the sa		~	Longth of Drop Pipeft. capacityG,P,M,
A SERIORS IN			Type: Submersible
SADDITION FOO			☐ Jot ☐ Reciprocating
16 Remarks, elevation, source of data, etc.		7 1014 755	THE CONTRACTOR OF
[ ] [ [ ] 전 보기 하면 하는 맛]	ai	This well	ELL CONTRACTOR'S CERTIFICATION: was drilled under my jurisdiction and this report is true
W. 30	120	to the bes	lebring Desilet.
K. (11. 11. 16.11 W. )			Dehring Drilling 0003 ERED BUSINESS NAME REGISTRATION NO.
MORROL COUNTY HEALTH HEPT	<b>*</b>	Addres P_	O.Box 242 Flat Rock, Michigan
The Mark South		Signed (	Mala Ording Date 5-9-73
D67d - 100M (Rev. 12-68)		A	UTHORIZED REPRESENTATIVE



**Tax No:** 580600100700

# Water Well And Pump Record



Township: Exeter

Completion is required under authority of Part 127 Act 368 PA 1978. Failure to comply is a misdemeanor.

County: Monroe

Permit No:

\\\	•	Town/Range: 05S 08E	Section:	Well Status:	WSSN:	Source	ID/Well No:	
Well ID: 5800000808  Elevation: 626 ft.		Distance and Direction from Road Intersection:						
Latitude: 42.0869946916		Well Owner:						
		Well Address:		İ	Owner Addres	s:		
Longitude: -83.4342359905		3935 OAKVILL	E WALTZ R	OAD	3935 OAKVIL		ROAD	
Method of Collection: Interpolation-Map		CARLETON, M	11 48117		CARLETON,	MI 48117		
Orilling Method: Rotary		Pump Insta	alled: No					
Well Use: Hous	ehold		ank Installe	ed: No				
Well Type: New Date Completed	: 5/8/1973	Pressure F	Relief Valve	Installed:	No			
Casing Type: PVC plastic Height:								
Casing Joint: Unknown								
Casing Fitting: None								
Diameter: 5.00 in. to 30.60 ft. depth								
Borehole:								
Static Water Level: 6.00 ft. Below Grade  Well Yield Test: Yield Test Mo	ethod: Unknown		Formation	n Description	1	Thickness	Depth to Bottom	
Pumping level 30.00 ft. after 2.00 hrs. at 55 GPM		Yellow Clay				00	6.00	
		Blue Clay S				1.00	30.00	
		Limestone I	Hard		20	0.00	50.00	
Screen Installed: No Intake: U	nknown							
Well Grouted: Yes Grouting Method: Unkr	nown							
Grouting Material Bags Additives	Depth							
Other 0.00 None	0.00 ft. to 30.60 ft.	Geology R	emarks:					
Mallhand Completion: Other 12 inches shows are	do.							
Wellhead Completion: Other, 12 inches above gra	ue							
Nearest Source of Possible Contamination:		_	-	ator Name:	CHARLES OF	HRING		
<b>Fype Distance</b> Animal yard/Feedlot  100 ft.	<b>Direction</b> East	Employme	nt: Unknov	vn				
,		Contractor	Type: Unk	nown		Reg No: 5	58-0003	
		Business N	Name:			•		
		Business A	Address:					
				der my superv	actor's Cert		to the best of	
		Signature of	of Registere	ed Contractor	r	Date		
General Remarks:								
Other Remarks: Grouting Material 1:Listed as other	n Wellkev. Wellhea	ad Completion:12	inch Above	Grade				

EQP-2017 (4/2010) Page 1 of 1 LHD 2/18/2000 5:03 AM

,OLI WO TOTAL	WATER W		
1 LOCATION OF WELL			PUBLIC HEALTH
County Township Name Wayne Sumpter		Fraction	Section Number Town Number Range Number
Wayne Sumpter Distance And Direction from Road Intersections	and a constant of the	24/4	74 - 74   75   100 D. 1
41304 Arkona Road, between and Carleton West R.  Street address & City of Well Location	Haggert	У	David E. Meyers  Add 1300 Arkona Rd.
MANAGE A CONTRACTOR OF THE PARTY OF THE PART	h Map;		New Boston, Michigan 4 WELL DEPTH: (completed) Date of Completion
			82 ft. <b>7-30-74</b>
w			5 Cable tool Rotary Driven Dug  Hollow rod Jetted Bored  6 USE: Domestic Public Supply Industry
			Irrigation Air Conditioning Commercial Test Well  7 CASING: Threaded Welded Height: Above
1 MILE			Diam, Surfaceft.
2 FORMATION	THICKNESS OF STRATUM	DEPTH TO BOTTOM OF STRATUM	4 in. to 57 ft. Depth Weigh 4.62 lbs./ft. in. to ft. Depth Drive Shoe? Yes No
			8 SCREEN: NONE
Yellow Sand - Soft	10	1.0	Type: Dia,:
Mark Mark Colonical Control Colonical Colonica			Slot/GauzeLength
Blue Clay - Stoney	57	67	Set betweenft, andft,
Caay & Sand Mixed - Soft	7	74	Fittings:
vaay a pante mixed - buil			9 STATIC WATER LEVEL
Lime Stone - Hard	8	82	36 ft, below land surface
			10 PUMPING LEVEL below land surface
			41 ft, after 2 hrs. pumping 20 g.p.m.
			940 525 10 22 410
	<del> </del>		ft, after hrs. pumping g,p.m.  11 WATER QUALITY in Parts Per Million:
			(ron (Fe) Chlorides (CI)
			Chlorides (CI)
	30-60-30-30-30-30-		HardnessOther
		X-23	12 WELL HEAD COMPLETION: In Approved Pit
			🗶 Pitless Adapter 💹 12" Above Grade
€			13 Well Grouted? X Yes No
S SAF	-		Neat Cement R Bentonite
•			Depth: From
A			Well disinfected upon completion Yes No
3 10 10 10 10 10 10 10 10 10 10 10 10 10	PARTICLE AND STATE OF		15 PUMP: Not installed
ADDED INFO BY DRILLER, ITEM NO.			Manufacturer's NameGould
*CORRECTED BY			Model Number 9-EJ H1/3 Volts 115
** ADITION BY  ELEVATION			Length of Drop Pipe_50 ft. capacity 10 G.P.M.  Type: X Submersible
LETYTHON ROCK			Jet Reciprocating
USE A 2ND SHEET IF NEEDED			
16 Remarks, elevation, source of data, etc.			WELL CONTRACTOR'S CERTIFICATION: It was drilled under my jurisdiction and this report is true
Well & Pump Permit # 4413		to the be	st of my knowledge and belief.
w - wmp + vrmrv # TTJ		REGIS	Ochring Drilling 0003 STERED BUSINESS NAME REGISTRATION NO.
			2.0.Box 242 Flat Rock, Michigan
Wine is	July		
FOR INC. P. LEWIS MANY LAND AND ADDRESS OF THE PARTY OF T	-07/2	Signed C	Marko alwing Date 2-31-14
D67d 100M (Rev. 12-68) ~			AUTHORIZED REPRESENTATIVE

SESSESSIONE SORVEY SAMPLE NO.			
NOV 2 6 1871	WATER WELL RE		MICHIGAN DEPARTMENT
1 LOCATION OF WELL	ACT 294 PA 19	765	OF PUBLIC HEALTH
County Township Name  Som p	fer Fraction	Section Number	
Distance And Direction from Road Intersections			7 N/S. 8 E/W.
40500 Ankour		Address Auben	C. Hambet
Street address & City of Well Location		853/wabka	lus mich war
Locate with "X" in section below Sket	ch Map:	4 WELL DEPTH: (completed)	<u> </u>
		5 Cable tool Rote	Jugunt 18.71
W		Hollow rod Jett	
			lic Supply Industry  Conditioning Commercial
		Test Well	
S 1 MILE		7 CASING: Threaded Welde Diam.	
2 FORMATION	THICKNESS DEPTH TO	4 in. to 52 ft. Dept	Surfaceft,
	STRATUM STRATUM	in. toft, Dept	th Drive Shoe? Yes No
yellow clay	12 12	Type: Nowe	Dia.:
Blue clay	39 5%	Slot/Gauze	_ Length
Blue clay	16 67	Set betweenft, and Fittings:	ft.
	10 1	9 STATIC WATER LEVEL	
		ft. below land su	rface
		10 PUMPING LEVEL below land	The state of the s
			Stubing 6.p.m.
		ft. after hrs. r 11 WATER QUALITY in Parts Per	oumping g.p.m.
		Iron (Fe) Chlor	
		Hardness Other	
		12 WELL HEAD COMPLETION: [	In Approved Pit
		13 Well Grouted? Yes No	12" Above Grade
		Neat Cement Benton	ite 🔲
		Depth: Fromft. t	oft.
		75 feet N Direction	on SPATIC Type
		Well disinfected upon complet	
		Manufacturer's Name  Model Number	or instanted
		Model Number 05 5 Length of Drop Pipe 4/2-ft.	HP Volts 233
		Type: Submersible	capacity
		/ Jet	Reciprocating
use a 2Nd sheet if Needed  16 Remarks, elevation, source of data, etc.	17 WATER 4	VELL CONTRACTOR'S STORY	247/04
	This well	VELL CONTRACTOR'S CERTIFIC was drilled under my jurisdiction at of my knowledge and belief.	JATION: I and this report is true
ADDED INFO, BY DRILLER, ITEM NO.	REGIS	TERED BUSINESS NAME	S O 3 F F
CORRECTED BY	Address _	1701 W. Mic	H. Mps. lant.
**ADDITION BY	9,000	P.P. O. A.10.	H. Tps. land.
D67d 100M (Rev. 12-68)		AUTHORIZED REPRESENTATIVE	Date Old I

GEOLOGICAL SURVEY SAMPLE No.			
	WATER WE		RD MICHIGAN DEPARTMENT
	ACT 294	PA 1965	OF PUBLIC HEALTH
1 LOCATION OF WELL Twp. 7		Fraction	
mono a Gulatina			DANE 14 Section Not 2 Town Range # 8 E/W.)
Distance And Direction from Road Infersections	OWNER No. 5	308	3 OWNER OF WELL: Charles Front.
1/2 mile & of marlinaville	OHIVER NO.		115900-6.00
45 9 Calvillaw des set		1	Address of the action of the state of the st
Street address & City of Well Location	THÍCKNESS	DEPTH TO	4 WELL DEPTH: (completed) Date of Completion
2 FORMATION	OF STRATUM	BOTTOM OF	4 WELL DEPTH: (Completed) Date of Completion
0,1	mi		5 Cable tool Rotary Driven Dug
Trang.	7		☐ Hollow rod ☐ Jetted ☐ Bored ☐ ☐
121 0/200	151	21	6 USE: Domestic Public Supply Industry
12. May	10	21	Trigation Air Conditioning Commercial Test Well
			7 CASING: Threaded Welded Height: Above/Below
			3 in. toft. Depth surface 23ft.
			Weightbs/ft.
			in. toft, Depth   Drive Shoe? Yes No
			8 SCREEN:  Type:Dia.:
			1 100 N 100
			Slot/GauzeLength
	10 1000		Set betweenft. andft.
			Fittings:
			9 STATIC WATER LEVEL
			77 ft. below land surface
			10 PEMPING LEVEL below land surface
			ft. afterhrs. pumpingg.p.m.
ET DANG BOTTON TO STATE STATES AND CONTROL OF THE STATES AND CONTROL O			11 WATER QUALITY in Ports Per Million:
			Iron (Fe)Chlorides (CI)
			Hardness
	+	\$1 - \$1 - \$2 V	12 WELL HEAD COMPLETION: In Approved Pit
			☐ Pitless Adapter ☐ 12'' Above Grade
vi soda	s vil		13 GROUTING: Well Grouted?  Yes No
			Material: Negt Coment
			Depth: Fromft. toft.
			14 SANITARY:
		100	Nearest Source of possible contamination
			Well disinfected upon completion Yes No
ADMIN INTO INC. ADMINISTRA			15 PUMP: 10 21 4-0
ADDED INFO. BY DRILLER, LIEM AND			Manufacturer's Named diff mal Andor
*CORRECTED BY			Model NumberHP
			Length of Drop Pipeft. capacityG.P.M.
**ADDITION BY			Type: Submersible Reciproceting
16 Remarks, elevation, source of data, etc.	1	17 WATER	WELL CONTRACTOR'S CERTIFICATION:
Daniel	100		Il was drilled under my jurisdiction and this report is true  1st.pf my knowledge and belief.)
Jeenne no -		8.00	Phlanter 0710
Bernitt no-	(	Jack March	ENSTEAD BUSINESS NAME REGISTRATION NO.
350 K		Address	18/71 Mayled Springs
2000-00 2000 2V		Signod	en Ballon Doto 11-25-68
D67D 100M 6-66 1)EC 2 7 1968			AUTHORIZED/REPRESENTATIVE 12
200 ACD 9 ( 1200			

1 LOCATION OF WELL 58757801001			Tax Parcel No. 580600100110
County Township Name EXETER	TOTAL STATE OF THE	Fract NE	ion   Section No. Town No.   Range No.   1/4 NE 1/4 NW 1/4   01   05 5   08 E
Distance And Direction From Road Intersection BET. NEWBURG & OAKVILLE WALTZ RDS. CARLETON WEST RD., NEWBOSTEN 48164 Street Address & City of Well Location			3 OWNER OF WELL DAVID SLITT! Address 16273 CAMDEN RD. WOODHAVEN, MI 48183 Address Samo As Well Location? [ ] Yes [x] No
Locate with 'x' in Section Below 9	Sketch Map:		4 WELL DEPTH:   Date Completed   [x] New Well
			5 [x] Cable tool [ ] Rotary
E			6 USE [x]Domestic
	IDN 0.00	m≤l	7 CASING: [x] Steel [x] Threaded   Height: Above
2 FORMATION DESCRIPTION	THICKNESS OF STRATUM	DEPTH TO BOTTOM DF STRATUM	Grouted Drill Hole Diameter   Drive Shoe [x] Yes
YELLOW CLAY	20.0	20.0	0.00 in. to 0.0 ft. depth
GREY CLAY	10.0	30.0	SCREEN   I   Not Installed
LIMESTONE_	21.0	51.0	SLOT 0.000   Length 0.0     Set between 0.00 ft. and 0.00 ft.
			FITIINGS: C JK-Packer [ ] Nead Packer [ ] Bremmer Check [ ] Blank above screen 0.0 ft. Other
	<u> </u>	[	9 STATIC NATER LEVEL:
			26.00 ft. below land surface [ ] Flow
			10 PUMPING LEVEL: below land surface 31 ft.after 12.0 hrs.pumping at 10 G.P.M. 0 ft.after 0.0 hrs.pumping at 0 G.P.M.
			11 WELL HEAD COMPLETION: ExJPitless adapter [ ]12 above grade [ ]Basement offset [ ]Approved pit
		Į Į	12 WELL GROUTED? [x]No [ ]Yes From to ft. [ ]Neat cement [ ]Bentonite ( ]Other [ No. of bags of cement Additives
			13 Nearest source of possible contamination Type Septic Distance 50 ft. Direction W Well disinfected upon completion? [x]Yes []No
	2   1995		Was old well plugged? [ ]Yes [ ]No ]  14 PUMP: [ ]Not Installed [ ]Pump Installation Only   Manufacturer's name 230 MYERS
			Model number HP 1/2 Volts   Length of Drop Pipe 48 ft. capacity 12 6.P.M.   TYPE: [x]Submersible [ ]Jet PRESSURE TANK:
			Manufacturers name Model number Capacity 12 Sallons
15 Remarks, elevation, source of data, etc. 4202 5-GAL. TANK		15 WATER WE   This we!   is true	LL CONTRACTOR'S CERTIFICATION: !! was drilled under my jurisdiction and this report to the best of my knowledge and belief.
		! 	SHIOLER & WILDER WELLS & PUMP 0752 REGISTERED BUSINESS NAME REGISTRATION NO.
Data Source: MDNR		   Address	
17 Rig Operator's Name:		i Address   Signed_,	6008 WELLS ROAD PETERSBURG, MI 49270  A Collaborate /2-18-95
AUTHORITY: Act 368 PA 1978 COMPLETION: Requ	ired PENAL	: JY: Conviet	OTHOR ISO REPRESENTATIVE Son of a violation of any provision is a misdemeanor

GEOLOGICAL SURVEY SAMPLE No.			
MAR 21 1974	MATER	WELL DECORD	
1 LOGATION OF THE	WAIEK.	WELL RECORD 94 PA 1965	MICHIGAN DEPARTMENT OF
1 LOCATION OF WELL County 220 Township Name //		15-11	PUBLIC HEALTH
and the second	/	Mels Sur News	Section Number Town Number Range Number
Distance And Direction from Road Intersections  Warth warth of new  cat 14656 Exite Of	0	3 OWNER OF WE	
of med vails of new	gung	Address	The state of the s
at 14 656 Exiter OF		Address	15 6
Sincer audress & City of Wen Location	tch Map:	A WELL OFFICE	to Exert VEG
<u> </u>	Map.	4 WELL DEPTH:	10 At 10
		6 Cable too	11. 199
		Hollow ro	d Jetted Bored
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		6 USE: Dome	stic Public Supply Industry
		Irriga	tion Air Conditioning Commercial
		Tost V	C-1
I MILE		Diam.	eaded Wolded Height: Above/Below Surface) ft,
2 FORMATION	THICKNESS		ft, Depth   Weight   lbs./ft.
A	OF STRATUM	STRATUMin. to	ft. Depth   Drive Shoe? Yes No []
Poll of 10	11	/ 8 SCREEN:	
frag de la			Dia,:
Molone Class	8		Length
1000	1.1	Set petween _	ft. andft.
Dul day	1//	X0'	
		9 STATIC WATER	LEVEL
			below land surface VEL below land surface
		1 81.7	afterhrs. pumping g.p.m.
		T	Silverine Silverine
			. after hrs. pumping g.p.m.
		26. 26	ITY in Parts Per Million;
10-10-10-10-10-10-10-10-10-10-10-10-10-1		Iron (Fe)	Chlorides (CI)
A STANDARD OF THE STANDARD OF	0.0000000	Hardness	Other
		12 WELL HEAD	
			ass Adapter 12" Above Grade
		13 Well Grouted	
		A STATE OF THE PROPERTY OF THE	nont Bentonite
			e of possible contamination /
		PQD feet /	Direction Type
	- V	Wall disinfect	ed upon completion
**		15 PUMP:	Not installed
ADDED INFO, BY DRILLER, ITEM NO.		Manufacturer*	
CORRECTED BY			Pipeft, capacityG.P.M.
**ADDITION BY		Type: Su	
ELEVATION \		Je	Reciprocating
DEPTH TO ROCK.	8		
16 Remarks, elevation, source of data, atc.	- <del> </del>	17 WATER WELL CONTRACT	TOR'S CERTIFICATION:
(1)	.0 # ge 6		or my jurisdiction and this report is true.
Kernul 12		MAN TANGE	near. 0/10
1/x 1 1		RESTRUCTED SUSINESS N	REGISTRATION NO.
MOHIL (	1	Address 54 - W	gland why work
7	ć	Joseph of la	in also bet for
D67d 100M (Rev. 12-68)		WAUTHOM ZEO REPRE	SENTATIVE